

**ABSTRACT**

**TELEPHONE SYSTEMS**

A mobile telephone system is provided with a new architecture for dealing with voice internet protocol traffic.

- 5        Real time traffic from mobile stations (22) is routed by a public land mobile telephone network internet protocol core (20) directly to one of two media gateways (28,32) respectively serving a plain switched telecommunication network/integrated services digital network (26) and an internet protocol backbone (30) without passing through the usual general packet radio system (GPRS) specific gateway.